

ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
_				switches
Product type designation				GF20
General characteristics				7 0 01
Switching diagram				56 - Changeover switch without 0 3 poles
N° of elements				3
				O48 - Modular
Mounting form				service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui	150/51		400
		IEC/EN	V	480
		UL/CSA	V	240
Rated impulse withstar			kV	4
Conventional free air th	ermal current Ith	.=o.=:	•	00
		IEC/EN	Α	20
		UL/CSA	A	15
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4		
		10kA	Α	20
		15kA	A	20
D () ()		25kA	Α	20
Rated short time currer	nt ICW	4		050
0 - 1 - 6 26		1s	kA	250
Conductivity	FO/FN			10/5 mA/V
Operational current le				
	AC1/AC21A		۸	20
	AC45		A	20
	AC15	110V	۸	10
		220/230V	A A	10 8
		380/400V	A	6
Rated operational power	or in AC	360/400 V		0
italed operational pow	Three-phase AC-3			
	Tillee-pillase AO-5	220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3	000/1101	1000	
	5glo pridoc / 10 0	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A			
	, , , , , , , , , , , , , , , , , , ,	220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curre	ent in DC			
	DC21A			





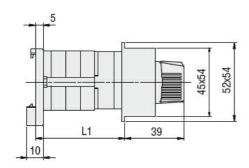
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		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				0.0
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size	Similare max			
CONTINUOTOR SIZE	AWG - Rigid cable			
	AWO - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAA	AVVO	12
	AVVG - Flexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (ICC) Flevible coble	IVIAX	AVVG	12
	Conductor size (IEC) - Flexible cable	min	mama ²	0 F
		min May	mm² mm²	0.5
	On division sine (IEO). Divid calls	Max	111111	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
Manhaniaaliifa		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor	0.4014		
	- 	240V	HP	3
	for single-phase motor	A 1-11		
A I I I A I I I I I I I I I I I I I I I		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature	<u>.</u>	2.2	0.5
		min	°C	-25
	-	max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



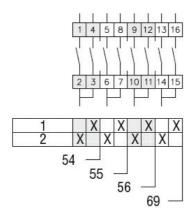
ENERGY AND AUTOMATION

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Carian	L1		
Series	1	2	3
GF20	40	53.5	67

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete